
INDEX

SOIL MECHANICS AND FOUNDATION ENGINEERING

Volume 14, Numbers 1-6, 1977



SOIL MECHANICS AND FOUNDATION ENGINEERING

Volume 14, Numbers 1-6, 1977

(A translation of Osnovaniya, Fundamenty i Mekhanika Gruntov)

A

Al'terman, I. I. - 184
Anisimov, N. N. - 36
Aronov, A. M. - 28

B

Bagdasarov, Yu. A. - 235
Bakholdin, B. V. - 127, 297
Baleevskikh, A. S. - 92
Baranov, D. S. - 402
Barvashov, V. A. - 274
Benda, S. F. - 173
Bereznitskii, Yu. A. - 97
Bobritskii, G. M. - 414
Boiko, N. V. - 362
Bolgov, I. F. - 418
Bosakov, S. V. - 407
Bozhko, A. G. - 7
Bugrov, A. K. - 211

C

Cherkasov, I. I. - 320
Chubarova, N. P. - 31

D

Dal'matov, B. I. - 84, 417
Dovnarovich, S. V. - 402
Dukhovskoi, E. A. - 178
Dykhovichnii, Yu. A. - 326
Dzhumaev, K. M. - 7

E

Ésterkes, O. A. - 231

F

Fedorov, B. S. - 100, 143, 289
Fedorov, V. I. - 74
Filatov, A. V. - 59
Finkel'shtein, L. I. - 338

G

Galitskii, V. G. - 165
Garazha, B. M. - 100
Garitselov, M. Yu. - 340
Geizen, R. E. - 181
Ginzburg, L. K. - 107

Godes, É. G. - 3

Golenko, N. A. - 42
Golovchenko, B. I. - 267
Golubov, L. A. - 334
Golubkov, V. N. - 331
Gorelov, A. V. - 23
Grebnev, K. K. - 211
Grigoryan, A. A. - 110
Grigoryuk, G. K. - 7
Gruzintsev, V. V. - 381
Gubenko, V. I. - 235
Gudakov, Yu. S. - 28

I

Igol'nikov, V. V. - 17
Il'ichev, V. A. - 259
Il'kevich, L. Ya. - 127
Il'nitskii, K. N. - 270
Il'yashenko, V. A. - 92

K

Kabanov, V. M. - 338
Kananyan, A. S. - 23
Karpenko, V. P. - 133
Karasev, O. V. - 173
Karavaev, V. N. - 206
Khabibullin, I. I. - 110
Khilobok, V. G. - 388
Kiselev, M. F. - 31
Klein, G. K. - 255
Kobakhidze, A. F. - 68
Kolesov, A. A. - 161
Kon'kov, N. K. - 247
Konovalov, P. A. - 82
Kopeikin, V. S. - 55
Koval', V. E. - 107, 151
Kovalenko, N. P. - 36
Kovalenko, V. I. - 388
Krutov, V. I. - 7, 155, 235, 306
Kurnosov, A. I. - 23
Kutsenko, A. V. - 381

L

Lapin, S. K. - 197
Lapshin, F. K. - 84
Lavrienko, I. K. - 267
Lavrov, I. V. - 317
Lazarev, G. B. - 20, 104
Lebedeva, G. A. - 338
Leikam, A. B. - 348
Lerman, V. M. - 147
Lundin, L. Sh. - 116

M

Maksimyak, R. V. - 218
Malyshev, M. V. - 136
Mariupol'skii, L. G. - 169, 385
Markizov, L. P. - 371
Martem'yanov, A. I. - 373
Matyashevich, I. A. - 169, 247
Metelyuk, N. S. - 381
Mikheev, V. V. - 218, 292
Mindich, A. L. - 48
Morgulis, N. L. - 331
Mostovoi, I. N. - 107
Motovilov, E. A. - 178
Mozgovoi, N. V. - 280
Mulyukov, É. I. - 74

N

Narbut, R. M. - 280
Neklyudov, V. S. - 345
Nikhotin, N. I. - 345
Nikitin, V. F. - 331
Novitskii, V. N. - 151

O

Obodovskii, A. A. - 169
Ol'shevskii, G. F. - 3
Opershtein, V. L. - 107
Osmachkin, B. P. - 267

P

Petrukhin, V. P. - 362
Piven', V. G. - 377
Polotskii, V. M. - 241
Pol'shin, D. E. - 402
Poluéktov, V. E. - 251
Porkhaev, G. V. - 161, 282
Pozovskaya, V. G. - 122
Pyarnpuv, Z. K. - 385

R

Rabinovich, E. A. - 116
Rodin, S. I. - 255
Roman, L. T. - 417
Rossikhin, Yu. V. - 86
Rozenfel'd, M. L. - 184
Rubtsov, N. I. - 3
Ruppeneit, K. V. - 356

Ryzhkov, E. M. - 193
Rzhanitsyn, B. A. - 314

S

Saratov, I. E. - 267
Savoiskii, V. A. - 13
Sergeev, Z. A. - 202
Shenin, O. S. - 338
Shilin, N. A. - 345
Shutov, M. A. - 369
Shvarev, V. V. - 178, 320
Shvets, V. B. - 270
Sidorchuk, V. F. - 402
Silin, A. A. - 178
Sivanbaev, A. V. - 345
Smorodinov, M. I. - 100,
178, 317
Sokolova, V. F. - 169
Solodovnikov, A. A. - 247
Solomin, V. I. - 55
Solov'eva, M. P. - 206
Sorochan, E. A. - 218,
300, 362

Stavnitser, L. R. - 133
Stroganov, A. S. - 223,
353

T

Talanov, G. P. - 173
Taranov, V. G. - 259
Targulyan, Yu. O. - 161
Tekuchev, Yu. B. - 38
Temkin, L. E. - 282
Ter-Martirosyan, Z. G. -
348
Timofeeva, L. M. - 181
Tkachenko, G. P. - 338
Trofimenkov, Yu. G. - 145,
169, 385
Trofimov, V. E. - 241
Tseitlin, M. G. - 241
Tsytovich, N. A. - 348

U

Ulichkin, G. M. - 13

V

Vakaruk, A. P. - 184
Valeev, R. Kh. - 235
Vasil'ev, V. Z. - 63
Vergeles, G. M. - 60
Vilo, A. - 139
Volkova, A. E. - 77
Vorontsov, É. I. - 340
Votyakov, I. F. - 336
Vyalov, S. S. - 48, 218,
282, 393

Y

Yaromko, V. N. - 188
Yarutin, V. K. - 7

Z

Zabylin, M. I. - 17
Zaretskii, Yu. K. - 340
Zaval'nyi, A. P. - 267
Zinov'ev, Yu. N. - 7
Zhukov, V. F. - 231, 282,
311

TABLES OF CONTENTS

SOIL MECHANICS AND FOUNDATION ENGINEERING

Volume 14, Numbers 1-6, 1977

(A translation of Osnovaniya, Fundamenty i Mekhanika Gruntov)

Volume 14, Number 1

January-February, 1977

Engl./Russ.

RESOLUTIONS ADOPTED BY THE TWENTY-FIFTH CONGRESS OF THE COMMUNIST PARTY OF THE SOVIET UNION

For the Efficiency and Quality of Foundation Engineering 1 2

TRIBUNE OF ALL-UNION SOCIALIST COMPETITION

Leningrad Construction Administration of the Gidrospetsfundamentstroi Trust
in the First Year of the Tenth Five-Year Period - N. I. Rubtsov,
É. G. Godes, and G. F. Ol'shevskii 3 3

FROM THE EXPERIENCE OF CONSTRUCTION ORGANIZATIONS

Experience Gained with the Installation of Foundations on Soils Prone to Slump-Type
Settlement in Tamped Pits - A. G. Bozhko, K. M. Dzhumayev, V. I. Krutov,
G. K. Grigoryuk, Yu. N. Zinov'ev, and V. K. Yarutin 7 5

Flotation of a Sunken Shaft Under a Pumping Station - G. M. Ulichkin
and V. A. Savoisikii 13 8

A New Method of Strengthening Foundations Supporting Heavy-Duty Compressors
- M. I. Zabylin and V. V. Igol'nikov 17 10

Use of Pyramidal Piles for Greenhouse Foundations - G. B. Lazarev 20 12

FOUNDATION ENGINEERING

Designing the Foundation Bed of Free-Standing Reinforced-Concrete Standards
from Deformations - A. S. Kananyan, A. I. Kurnosov, and A. V. Gorelov 23 13

Evaluating the Bearing Capacity of Driven Piles in Sandy Soils - A. M. Aronov
and Yu. S. Gudakov 28 16

CONSTRUCTION UNDER SPECIAL SOIL CONDITIONS

Effect of Frost Heaving on the Foundation Bed and Foundation During the Construction
Period - M. F. Kiselev and N. P. Chubarova 31 17

CONSTRUCTION PROPERTIES OF SOILS

Investigation of the Shear Strength of Peats - N. P. Kovalenko and N. N. Anisimov ... 36 20

Relative Collapsibility and Standard Indices of Soil Settlement through Collapse
- Yu. B. Tekuchev 38 21

Nomogram for a Preliminary Evaluation of Slump-Prone and Swelling Soils
- G. M. Vergeles 40 22

Electro-Osmotic and Hydraulic Flow in Soils with a Varying Porosity
- N. A. Golenko 42 23

SOIL MECHANICS

First Ten-Year Period of the Cosmic Era in Soil Mechanics 47 25

Experimental Investigation of the Stress-Strain State of a Layer of Weak Soil
Underlain by a Low-Compressibility Mass - S. S. Vyalov and A. L. Mindich 48 26

Design of a Sandy Foundation Bed by Means of Physically and Mathematically
Nonlinear Equations - V. S. Kopeikin and V. I. Solomin 55 30

Experimental Investigations of Curves of Reaction Pressure in Soil Versus
Displacements of a Pile during Horizontal Loading - A. V. Filatov 59 32

Axisymmetric Deformation of an Elastic Mass Containing a Hole - V. Z. Vasil'ev	63	34
Form of the Diagram of Backfill Pressure on a Retaining Wall - A. F. Kobakhidze	68	37
INFORMATION		
Sixth European Conference on Soil Mechanics and Foundation Engineering		
- V. I. Fedorov and É. I. Mulyukov	74	40
New Equipment for Pile Operations and for Compacting Soils - A. E. Volkova	77	42
Applied Science Conference on Foundation Problems at Tobol'sk Petrochemical Complex		
- P. A. Konovalov	82	44
BOOK REVIEWS		
Design of Piled Foundations in Weak Soils - Reviewed by B. I. Dalmatov,		
F. K. Lapshin, and Yu. V. Rossikhin	84	45
Errata	86	46
OBITUARY		
Ivan Mikhailovich Litvinov (1907-76)	87	47

Volume 14, Number 2 March-April, 1977

Socialistic Competition - A New Outlook!	89	2
Selecting the Most Efficient Types of Foundations for Industrial Projects		
Overseen by the Ministry of Industrial Construction of the USSR in the		
Tenth Five-Year Plan - V. A. Il'yashenko and A. S. Baleevskikh	92	3
FROM THE EXPERIENCE OF CONSTRUCTION ORGANIZATIONS		
Experience Gained with Sunken Shafts during the Construction of Buildings in		
Areas of Dense Development in Moscow - Yu. A. Bereznitskii	97	6
Use of the "Wall-in-the-Ground" Method during Construction of the Moscow		
Subway - B. M. Garazha, B. S. Fedorov, and M. I. Smorodinov	100	7
Use of Driven Piles in Rammed Holes during Construction in Soils Prone to		
Slump-Type Settlement - G. B. Lazarev	104	10
Ninth All-Union Conference on Soil Stabilization and Compaction	106	10
FOUNDATION ENGINEERING		
A New Type of Grillage-Free Pile Foundation - V. E. Koval', L. K. Ginzburg,		
I. N. Mostovoi, and V. L. Opershtein	107	11
Bearing Capacity of Cast-in-Place Piles on Construction Sites of the Volgodonsk		
Heavy Machine-Building Plant - A. A. Grigoryan and I. I. Khabibullin	110	13
Performance of Driven Reinforced-Concrete Piles in a Pile Grillage Subject to		
Lateral Loading - L. Sh. Lundin and E. A. Rabinovich	116	17
CONSTRUCTION UNDER SPECIAL SOIL CONDITIONS		
Reactive Pressures Developed in a Thawing Foundation Bed - V. G. Pozovskaya ..	122	20
EFFICIENCY AND QUALITY OF FOUNDATION ENGINEERING		
On the Rational Range of Application of Different Designs of Pile Foundations		
for Residential Construction in Weak Soils - B. V. Bakholdin and		
L. Ya. Il'kevich	127	23
SOIL MECHANICS		
A Laboratory Study of the Vibration Stability of a Sandy Foundation Bed		
- L. R. Stavnitser and V. P. Karpenko	133	26
INFORMATION		
Hungarian Conference on Soil Mechanics and Foundation Engineering		
-M. V. Malyshev	136	28

Sixth Conference on Estonian Geotechnics - A. Vilo	139	30
Meeting "At the Round Table" in the Editorial Board of the Journal "Osnovaniya, Fundamenty i Mekhanika Gruntov"	140	30
Fourth Conference on the Dynamics of Foundation Beds, Foundations, and Underground Structures	142	31

Volume 14, Number 3

May-June, 1977

Let Us Celebrate the Glorious Anniversary with New Labor Achievements - B. S. Fedorov	143	2
Preparations of the Fundamentproekt Institute for a Fitting Celebration of the 60th October Anniversary - Yu. G. Trofimenkov	145	3
EFFECTIVENESS AND QUALITY OF FOUNDATION ENGINEERING		
Effectiveness of Using Pile Foundations in Housing Construction in Tyumen - V. M. Lerman	147	4
Selection of Optimal Parameters of Situ-Cast Piles for Foundations of Residential and Industrial Buildings - V. N. Novitskii and V. E. Koval'	151	7
FROM THE EXPERIENCE OF CONSTRUCTION ORGANIZATIONS		
Construction of Trench Backfills Simultaneously with Preparation of Bases for Floors and Foundations of Equipment on Collapsible Soils - V. I. Krutov	155	9
Driving Piles in Permafrost with Hole Sinking by a Steam Vibroleader - G. V. Porkhaev, Yu. O. Targulyan, and A. A. Kolesov	161	12
Deformations of Residential Buildings Constructed on Slump-Prone Soils - V. G. Galitskii	165	15
FOUNDATION ENGINEERING		
Actual and Calculated Loads on Piles and Results of Observing Settlements of a Large-Panel Building - Yu. G. Trofimenkov, L. G. Mariupol'skii, A. A. Obodovskii, I. A. Matyashevich, and V. F. Sokolova	169	17
Investigation of the Work of Single Situ-Cast Piles under Different Load Combinations - O. V. Karasev, G. P. Talanov, and S. F. Benda	173	19
CONSTRUCTION PROPERTIES OF SOILS		
Experimental Investigations of the Destructibility of Rocks in a Vacuum - E. A. Motovilov, M. I. Smorodinov, E. A. Dukhovskoi, A. A. Silin, and V. V. Shvarev	178	22
Statistical Patterns of Changes in the Physicomechanical Properties of Loessal Soils with Surface Compaction - L. M. Timofeeva and R. E. Geizen	181	23
Processing the Results of Laboratory Shear Tests of Soils - M. L. Rozenfel'd, I. I. Al'terman, and A. P. Vakaruk	184	25
ADVICE TO DESIGNERS AND INVESTIGATORS		
Prediction of Settlement of Weak Water-Saturated Soils - V. N. Yaromko	188	27
Analysis of Displacements of Swelling Soils under Existing Structures - E. M. Ryzhkov	193	30
Determination of the Dynamic Characteristics of the Rigidity of Natural Foundation Beds - S. K. Lapin	197	32
A Static Equilibrium Method of Calculating the Seismic Stability of Free Homogeneous Slopes - Z. A. Sergeev	202	34
SOIL MECHANICS		
Calculation of Reinforced-Concrete Beams on a Nonlinear Winkler Base - V. N. Karavaev and M. P. Solov'eva	206	36
Numerical Solution of Physically Nonlinear Problems for Soil Bases - A. K. Bugrov and K. K. Grebnev	211	39

EMINENT SOVIET SCIENTISTS AND ENGINEERS

75th Birthday of N. K. Snitko	217	42
-------------------------------------	-----	----

FROM FOREIGN EXPERIENCE

Soviet-French Cooperation in the Fields of Soil Mechanics and Foundation Engineering - S. S. Vyalov, R. V. Maksimyak, V. V. Mikheev, and E. A. Sorochan	218	43
---	-----	----

INFORMATION

The First Baltic Conference on Soil Mechanics and Foundation Engineering - A. S. Stroganov	223	45
Memoir of Abram Aronovich Obodovskii (1905-1976)	226	

Volume 14, Number 4

July-August, 1977

More Rapid Introduction of Scientific Achievements in Construction Practice	227	2
Scientists - To a Glorious Anniversary!	229	3
Verified by Time (From the Experience of Developing the North during the Years of Soviet Power) - V. F. Zhukov and O. A. Ésterkes	231	4

EFFICIENCY AND QUALITY OF FOUNDATION ENGINEERING

Technicoeconomic Analysis of Methods Employed to Install Foundation Beds and Foundations in Soils Classed as Type-II in Terms of Proneness to Slump-Type Settlement - Yu. A. Bagdasarov, R. Kh. Valeev, V. I. Krutov, and V. I. Gubenko	235	6
---	-----	---

FROM THE EXPERIENCE OF CONSTRUCTION ORGANIZATIONS

Use of Vibratory Buckets for the Installation of Cast-in-Place Piles - M. G. Tseitlin, V. E. Trofimov, and V. M. Polotskii	241	8
Errata	248	12
Use of Ground Anchors to Strengthen the Walls of the Subsurface Section of a Moscow Garage - N. K. Kon'kov, I. A. Matyashevich, and A. A. Solodovnikov	247	12
Increasing the Bearing Capacity of Piles Sunk in Predrilled Holes in the Ground (In Order of Consideration) - V. E. Poluéktov	251	14

FOUNDATION ENGINEERING

Designing Low-Profile Grillages with Consideration Given to Their Functional Compatibility with the Piles and Foundation Bed - G. K. Klein and S. I. Rodin	255	16
A Method of Predicting the Vibration Level of Structures and Soils from Test Results - V. A. Il'ichev and V. G. Taranov	259	18

ADVICE TO DESIGNERS AND INVESTIGATORS

The Radioisotopic Method of Monitoring Settlement of Foundation Beds - A. P. Zaval'nyi, I. K. Lavrienko, I. E. Saratov, B. I. Golovchenko, and B. P. Osmachkin	267	21
Dependence of Strength Properties of Carboniferous Sandstones from the Southwestern Part of the Donets Basin on the Extent of Weathering - K. N. Il'nitskii and V. B. Shvets	270	23

SOIL MECHANICS

Calculating the Settlement of Foundation Beds Represented by Different Models - V. A. Barvashov	274	25
---	-----	----

INFORMATION

Scientific-Technical Seminar "Improving the Technology and Increasing the Quality of Work Performed during Site Development and Substructure Installation" - N. V. Mozgovoi and R. M. Narbut	280	28
--	-----	----

IN THE STATE COMMITTEE ON CONSTRUCTION OF THE COUNCIL OF MINISTERS OF THE USSR

Section II-18-76 "Foundation Beds and Foundations on Permafrost" of the Construction

Norms and Specifications - S. S. Vyalov, G. V. Porkhaev, V. F. Zhukov, and L. E. Temkin.	282	29
Isaak Moiseevich Rabinovich (1886-1977)	284	30
Competition for the Development of the Most Complete Procedure for the Continuous Construction of Pipelines in the Northern Regions of the USSR.	285	30
Annotations of Papers Deposited in the Central Institute of Scientific Information on Construction and Architecture of the State Committee on Construction of the Council of Ministers of the USSR	286	31

Volume 14, Number 5

September-October, 1977

Prospects for the Development of Science in the Field of Foundation Engineering - B. S. Fedorov	289	3
Principles of Designing Bases of Buildings and Structures with Respect to Limiting States - V. V. Mikheev	292	5
Pile Foundation Engineering during Years of Soviet Power - B. V. Bakholdin	297	7
Problems of Improving Foundations on a Natural Base - E. A. Sorochan	300	9
Ways of Developing Construction on Settlement-Prone Soils - V. I. Krutov	306	12
The Role of Cryopedology in Utilization of the Soviet North - V. F. Zhukov.	311	15
Chemistry in the Struggle Against the Settlement Tendency of Soils - B. A. Rzhantitsyn	314	17
Development of Radioisotope Methods of Investigating the Construction Properties of Soils - M. I. Smorodinov and I. V. Lavrov	317	18
New Soviet Investigations of Lunar Soil and Its Analogs - I. I. Cherkasov and V. V. Shvarev	320	20
Strengthening the Creative Ties of Scientists with Designers - Yu. A. Dykhovichnik ..	326	24
FROM THE EXPERIENCE OF CONSTRUCTION ORGANIZATIONS		
Tapered-Pile Foundations with Intermediate Cushion - V. N. Golubkov, N. L. Morgulis, and V. F. Nikitin.	331	26
Pile Foundations of Nine-Story Panel Apartment Houses for Regions with a High Seismicity - L. A. Golubov.	334	28
From the Experience of Constructing an Industrial Building on Hydraulic Fill - I. F. Votyakov	336	29
CONSTRUCTION PROPERTIES OF SOILS		
Swelling of Soils due to Wetting with Alkali Solutions - V. M. Kabanov, G. A. Lebedeva, L. I. Finkel'shtein, G. P. Tkachenko, and O. S. Shenin	338	31
Strength and Deformability of Clayey Soils in Tension - Yu. K. Zaretskii, É. I. Vorontsov, and M. Yu. Garitselov.	340	32
ADVICE TO DESIGNERS AND INVESTIGATORS		
Results of Field Tests of Piles in Permanently Frozen Ground - A. V. Sivanbaev, N. A. Shilin, N. I. Nikhotin, and V. S. Neklyudov	345	35
SOIL MECHANICS		
Effect of Pore Pressure on Shear Strain of Multiphase Soil - N. A. Tsytoich, Z. G. Ter-Martirosyan, and A. B. Leikam.	348	37
Bearing Capacity of a Saturated Clay Foundation Bed in an Unstabilized State under a Circular Foundation - A. S. Stroganov	353	40
Derivation of Stress-Strain Function for Soils in Shear, from Pressiometer Test Data - K. V. Ruppeneit	356	41

INFORMATION

All-Union Conference on Foundation Engineering under Complex Soil Conditions

- N. V. Bolko, V. P. Petrukhin, and E. A. Sorochan	362	44
Fuad Maksimovich Shikhiev (1913-1977)	367	47

Volume 14, Number 6

November-December, 1977

FROM THE EXPERIENCE OF CONSTRUCTION ORGANIZATIONS

Foundations for an Open Skating Track with Artificially Frozen Ice - M. A. Shutov ...	369	3
Building on Fill in Region of Deep Permafrost - L. P. Markizov.	371	4
Effect of Foundation Design on Seismic Resistance of Large-Panel Buildings (From Data of Kyzylkum Earthquake, 1976) - A. I. Martem'yanov	373	5

FOUNDATION ENGINEERING

Pedestal Piles in Swelling Soils - V. G. Piven'	377	7
The Development of a Bearing-Capacity Reserve in Pile Groups - N. S. Metelyuk, V. V. Gruzintsev, and A. V. Kutsenko.	381	9

ADVICE TO DESIGNERS AND INVESTIGATORS

Determining the Strength Characteristics of Clayey Soils from Static-Probe Data - Yu. G. Trofimenkov, L. G. Mariupol'skii, and Z. K. Pyarnpuu	385	11
--	-----	----

CONSTRUCTION PROPERTIES OF SOILS

Effect of Different Factors on the Validity of Determinations Made for the Compactability Characteristics of Cohesive Soils - V. G. Khilobok and V. I. Kovalenko.	388	13
--	-----	----

SOIL MECHANICS

Settlements and Contact Pressures of a Nonlinearly Deformable Foundation Bed Subject to Strip Loading - S. S. Vyalov.	393	15
Effect of Base Formation Characteristics on Its Stress State - S. V. Dovnarovich, D. E. Pol'shin, D. S. Baranov, and V. F. Sidorchuk.	402	20
Analysis of Deep Anchor Plates of Finite Rigidity - S. V. Bosakov	407	23

INFORMATION

The Ninth International Conference on Soil Mechanics and Foundation Engineering. ...	410	24
Scientific-Technical Seminar on "Effective Methods of Design of Bases and Foundations under Complex Soil Conditions" - G. M. Bobritskii	414	26

BOOK REVIEWS

S. S. Vyalov, V. V. Dokuchaev, and D. R. Sheinkman. Subsurface Ice and Heavily Icy Soils as Bases of Structures - Reviewed by B. I. Dalmatov and L. T. Roman .	417	28
E. M. Pereponova. Guide for Observations of Deformations of Bases and Foundations of Building and Structures - Reviewed by I. F. Bolgov	418	29
Memoir of Solomon Abramovich Rivkin (1912-1977)	420	31

INDEX

Author Index, Volume 14, Numbers 1-6, 1977	425
Tables of Contents, Volume 14, Numbers 1-6, 1977	427

